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     1
NEWS
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     2
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     3 SEP 01
                New pricing for the Save Answers for SciFinder Wizard within
                 STN Express with Discover!
        OCT 28
NEWS
                KOREAPAT now available on STN
     4
NEWS
     5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
     8 DEC 15 MEDLINE update schedule for December 2004
NEWS
NEWS
     9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS
     10 DEC 17
                COMPUAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
     11 DEC 17
NEWS
                SOLIDSTATE reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS
     12 DEC 17
                CERAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
                THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
     13 DEC 17
NEWS
     14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS
     15 DEC 30
NEWS
                CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
                 February 2005
     17 JAN 11
                CA/CAPLUS - Expanded patent coverage to include Russia
NEWS
                 (Federal Institute of Industrial Property)
NEWS EXPRESS
              JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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              STN Operating Hours Plus Help Desk Availability
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              General Internet Information
NEWS LOGIN
              Welcome Banner and News Items
NEWS PHONE
              Direct Dial and Telecommunication Network Access to STN
NEWS WWW
              CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:14:42 ON 25 JAN 2005

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:14:52 ON 25 JAN 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 JAN 2005 HIGHEST RN 819046-01-0 DICTIONARY FILE UPDATES: 23 JAN 2005 HIGHEST RN 819046-01-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10797244-N1.str

$$G_2$$
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 $G_4$ 
 $G_3$ 
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 $G_5$ 
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 $G_5$ 
 $G_6$ 
 $G_7$ 
 $G_7$ 

chain nodes :
15 17 18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
3-15 5-7 10-17 17-18 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
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18-19

10/797,244

G1:N,CH

G2:H,NH2

G3:0, S, CH2, SO2

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 15:CLASS 17:CLASS 18:CLASS 19:Atom

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d 11

L1 HAS NO ANSWERS

L1 STR

G1 N,CH

G2 H,NH2

G3 O, S, CH2, SO2

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam

SAMPLE SEARCH INITIATED 14:15:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 321 TO ITERATE

100.0% PROCESSED 321 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

5346 TO 7494

PROJECTED ANSWERS:

6 TO 266

L3

6 SEA SSS SAM L1

=> d scan

L3 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Pyrimidine, 2-[4-[3-[4-(4-fluorophenyl)-1-piperazinyl]propyl]-5-methyl-1H-pyrazol-1-yl]- (9CI)

MF C21 H25 F N6

CI COM

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L3 REGISTRY COPYRIGHT 2005 ACS on STN

Pyrimidine, 2-[4-[[4-(2-chlorophenyl)-1-piperazinyl]methyl]-5-methyl-1H-IN pyrazol-1-yl]-, monohydrochloride (9CI) C19 H21 Cl N6 . Cl H

MF

6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN L3

Pyrimidine, 2-[4-[3-[4-(4-fluorophenyl)-1-piperazinyl]propyl]-5-methyl-1H-IN pyrazol-1-yl]-, monohydrochloride (9CI) C21 H25 F N6 . Cl H

MF

L3 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

MF C16 H12 F3 N3 O

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN L3

1H-1,2,4-Triazole-1-carboxamide, 3-[[3,5-dimethyl-1-(2-pyridinyl)-1H-IN pyrazol-4-yl]sulfonyl]-N,N-diethyl- (9CI) C17 H21 N7 O3 S

MF

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 6 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxo-, methyl ester (9CI)

MF C23 H25 N5 O4 S

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

10/797,244

=> s ll sss ful FULL SEARCH INITIATED 14:15:36 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 6654 TO ITERATE

100.0% PROCESSED 6654 ITERATIONS SEARCH TIME: 00.00.01

151 ANSWERS

SEARCH TIME: 00.00.01

L4 151 SEA SSS FUL L1

=> file caplus COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 161.33 161.54

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:15:42 ON 25 JAN 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 25 Jan 2005 VOL 142 ISS 5 FILE LAST UPDATED: 24 Jan 2005 (20050124/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14 L5 29 L4

=> d 15 1-29 bib hitstr

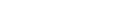
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     141:350163
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TI
     antagonists
     Schiemann, Kai; Ackermann, Karl-August; Arlt, Michael; Finsinger, Dirk;
IN
     Schadt, Oliver; Van Amsterdam, Christoph; Bartoszyk, Gerd; Seyfried,
     Christoph
PA
     Merck Patent GmbH, Germany
     Ger. Offen., 102 pp.
     CODEN: GWXXBX
DT
     Patent
LА
     German
FAN.CNT 1
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                                            APPLICATION NO.
     PATENT NO.
                                DATE
                                                                   DATE
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             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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             SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
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PRAI DE 2003-10315572
                                20030405
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OS
IT
     774585-19-2P 774585-32-9P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (preparation of arylpyrazoles as serotonin 5-HT2A and 5-HT2C receptor
        antagonists)
RN
     774585-19-2 CAPLUS
CN
     Piperazine, 1-[2-(2,4-difluorophenyl)]-4-[[5-(2-fluorophenyl)]-1-(2-fluorophenyl)]
     pyridinyl)-1H-pyrazol-4-yl]methyl]- (9CI) (CA INDEX NAME)
```

PAGE 2-A

RN

774585-32-9 CAPLUS
Piperazine, 1-[2-(4-fluorophenyl)ethyl]-4-[[5-(2-fluorophenyl)-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]- (9CI) (CA INDEX NAME) CN

PAGE 2-A



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L5
     ANSWER 2 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
     2004:633936 CAPLUS
AN
DN
     141:174183
ΤI
     Preparation of thienopyridazinones as immunosuppressive agents.
     Guile, Simon David; Ingall, Anthony Howard
IN
     Astrazeneca Ab, Swed.
PA
     PCT Int. Appl., 33 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LΑ
     English
FAN.CNT 1
                         KIND
                                           APPLICATION NO.
                                                                   DATE
     PATENT NO.
                                DATE
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                               20040805
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     WO 2004065395
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                                         WO 2004-SE53
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             CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG,
             ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU,
             ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ,
             KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN,
            MW, MX, MX, MZ
PRAI SE 2003-117
                                20030117
                          Α
     SE 2003-118
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                                20030117
OS
     MARPAT 141:174183
ΙT
     732305-61-2P 732305-62-3P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (preparation of thienopyridazinones as immunosuppressive agents.)
RN
     732305-61-2 CAPLUS
CN
     4-Isoxazolidinol, 2-[[6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-
     y1]methy1]-1,2,3,4-tetrahydro-3-methy1-1-(1-methylethy1)-2,4-
     dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-, (4S)- (9CI) (CA INDEX NAME)
```

Absolute stereochemistry.

RN 732305-62-3 CAPLUS
CN 4-Isoxazolidinol, 2-[[6-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

IT 732305-69-0P 732305-70-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of thienopyridazinones as immunosuppressive agents.)

RN 732305-69-0 CAPLUS

CN Isoxazolidine, 4-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-[[6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 732305-70-3 CAPLUS

CN Isoxazolidine, 4-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-[[6-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 3 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
L5
AN
     2004:633935 CAPLUS
     141:174182
DN
ΤI
    Preparation of thienopyrimidinediones as immunosuppressive agents.
     Guile, Simon David
ΙN
    Astrazeneca Ab, Swed.
PA
SO
     PCT Int. Appl., 84 pp.
     CODEN: PIXXD2
DT
     Patent
LΑ
     English
FAN.CNT 1
     PATENT NO.
                        KIND
                               DATE
                                           APPLICATION NO.
                                                                  DATE
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                               _____
                                           ______
                                                                  _____
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                         A1
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                                         WO 2004-SE52
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             BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR,
             CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
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             IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC,
             LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
            MZ, MZ, NA, NI
PRAI SE 2003-119
                                20030117
OS
    MARPAT 141:174182
IT
     733809-51-3P 733809-69-3P 733810-35-0P
     733810-37-2P 733810-41-8P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (preparation of thienopyrimidinediones as immunosuppressive agents.)
     733809-51-3 CAPLUS
RN
     4-Isoxazolidinol, 2-[[6-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-
CN
     y1]methy1]-1,2,3,4-tetrahydro-3-methy1-1-(1-methy1ethy1)-2,4-
     dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-4-methyl-, (4S)- (9CI)
     INDEX NAME)
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Absolute stereochemistry.

RN 733809-69-3 CAPLUS
CN 4-Isoxazolidinol, 2-[[6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-

dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-4-methyl-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 733810-35-0 CAPLUS

CN 4-Isoxazolidinol, 4-methyl-2-[[1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-6-[[5-methyl-1-(2-pyrimidinyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]-2,4-dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 733810-37-2 CAPLUS

CN 4-Isoxazolidinol, 2-[[6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-4-ethyl-, (4S)- (9CI) (CA INDEX NAME)

RN733810-41-8 CAPLUS

CN4-Isoxazolidinol, 2-[[6-[[1-(1,2-dihydro-2-oxo-4-pyrimidinyl)-3,5-dimethyl-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4dioxothieno[2,3-d]pyrimidin-5-yl]carbonyl]-4-ethyl-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

#### IT 733810-93-0P 733810-94-1P 733810-98-5P 733810-99-6P 733811-45-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of thienopyrimidinediones as immunosuppressive agents.)

RN 733810-93-0 CAPLUS

CN Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[3,5-dimethyl-1-(2pyridinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1methylethyl)-2,4-dioxo-, methyl ester (9CI) (CA INDEX NAME)

RN 733810-94-1 CAPLUS

CN Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxo-(9CI) (CA INDEX NAME)

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RN 733810-98-5 CAPLUS

CN Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxo-, ethyl ester (9CI) (CA INDEX NAME)

RN 733810-99-6 CAPLUS

CN Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxo-, sodium salt (9CI) (CA INDEX NAME)

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● Na

RN 733811-45-5 CAPLUS

CN Thieno[2,3-d]pyrimidine-5-carboxylic acid, 6-[[1-(1,2-dihydro-2-oxo-4-pyrimidinyl)-3,5-dimethyl-1H-pyrazol-4-yl]methyl]-1,2,3,4-tetrahydro-3-methyl-1-(1-methylethyl)-2,4-dioxo-(9CI) (CA INDEX NAME)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ANSWER 4 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
L5
AN
     2004:633934 CAPLUS
     141:174194
DN
ΤI
     Preparation of thienopyridazinones as immunosuppressive agents.
     Cooper, Martin Edward; Guile, Simon David; Ingall, Anthony Howard; Rasul,
IN
     Rukhsana Tasneem
PA
     Astrazeneca Ab, Swed.
SO
     PCT Int. Appl., 59 pp.
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     733745-29-4P
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     (Uses)
        (preparation of thienopyridazinones as immunosuppressive agents.)
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Absolute stereochemistry.

RN 733745-26-1 CAPLUS

CN 4-Isoxazolidinol, 2-[[2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-7-ethyl-4,5-dihydro-5-methyl-4-oxothieno[2,3-d]pyridazin-3-yl]carbonyl]-4-methyl-, (4S)- (9CI) (CA INDEX NAME)

RN 733745-28-3 CAPLUS

CN 4-Isoxazolidinol, 2-[[2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-4,5-dihydro-5-methyl-7-(1-methylethyl)-4-oxothieno[2,3-d]pyridazin-3-yl]carbonyl]-4-methyl-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 733745-29-4 CAPLUS

CN 4-Isoxazolidinol, 2-[[2-[[3,5-dimethyl-1-(2-pyrimidinyl)-1H-pyrazol-4-yl]methyl]-4,5-dihydro-5-methyl-7-(1-methylethyl)-4-oxothieno[2,3-d]pyridazin-3-yl]carbonyl]-4-methyl-, (4S)- (9CI) (CA INDEX NAME)

# TT 733745-75-0P 733745-76-1P 733745-82-9P 733745-83-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of thienopyridazinones as immunosuppressive agents.)

RN 733745-75-0 CAPLUS

CN Thieno[2,3-d]pyridazin-4(5H)-one, 3-bromo-2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-7-ethyl-5-methyl- (9CI) (CA INDEX NAME)

Me 
$$CH_2$$
  $N$   $N$   $N$   $N$   $N$   $N$   $N$   $N$   $N$ 

RN 733745-76-1 CAPLUS

CN Thieno[2,3-d]pyridazine-3-carboxylic acid, 2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-7-ethyl-4,5-dihydro-5-methyl-4-oxo-(9CI) (CA INDEX NAME)

Me 
$$CO_2H$$
 Me  $N$ 

RN 733745-82-9 CAPLUS

CN Thieno[2,3-d]pyridazin-4(5H)-one, 3-bromo-2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-5-methyl-7-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 733745-83-0 CAPLUS

CN Thieno[2,3-d]pyridazine-3-carboxylic acid, 2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-4,5-dihydro-5-methyl-7-(1-methylethyl)-4-oxo-(9CI) (CA INDEX NAME)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:112122 CAPLUS

DN 139:239629

TI COMFA and CoMSIA studies of angiotensin (AT1) receptor antagonists

AU Datar, Prasanna; Desai, Prashant; Coutinho, Evans; Iyer, Krishna

CS Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Mumbai, 400 098, India

SO Journal of Molecular Modeling (2002), 8(10), 290-301
CODEN: JMMOFK; ISSN: 0948-5023
URL: http://link.springer.de/link/service/journals/00894/contents/02/00097
/paper/s00894-002-0097-6.pdf

PB Springer-Verlag

DT Journal; (online computer file)

LA English

IT 152713-36-5

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(CoMFA and CoMSIA studies of angiotensin (AT1) receptor antagonists)

RN 152713-36-5 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 3-butyl-1-(2-pyridinyl)-4-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5
    ANSWER 6 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
ΑN
     2002:736255 CAPLUS
DN
     137:263065
ΤI
     Preparation of triazaspiro[5.5]undecane derivatives as active ingredients
     in remedies for inflammatory diseases
IN
     Habashita, Hiromu; Hamano, Shinichi; Shibayama, Shiro; Takaoka, Yoshikazu
     Ono Pharmaceutical Co., Ltd., Japan
PA
SO
     PCT Int. Appl., 379 pp.
     CODEN: PIXXD2
DT
     Patent
LΑ
     Japanese
FAN.CNT 1
     PATENT NO.
                        KIND
                                DATE
                                           APPLICATION NO.
                                                                   DATE
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    WO 2002074770
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PΤ
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                                                                   20020318
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             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
             LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
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         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
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                                20040107
     EP 1378510
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                                            EP 2002-705301
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                                20040825
                                            JP 2002-573779
                                                                   20020318
    NO 2003004148
                          Α
                                20031114
                                            NO 2003-4148
                                                                   20030917
                                            US 2003-472555
    US 2004082584
                          A1
                                20040429
                                                                   20030922
     JP 2004196822
                          A2
                                20040715
                                            JP 2004-66592
                                                                   20040310
PRAI JP 2001-79610
                          Α
                                20010319
     JP 2001-160251
                                20010529
                          Α
     JP 2002-573779
                          Α3
                                20020318
     WO 2002-JP2554
                          W
                                20020318
OS
    MARPAT 137:263065
     461020-93-9P 461023-13-2P 461442-06-8P
ΙT
     461443-20-9P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
        (preparation of triazaspiro[5.5]undecane derivs. as active ingredients in
        remedies for inflammatory diseases)
RN
     461020-93-9 CAPLUS
CN
     1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-
     pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-,
     dihydrochloride, (3R) - (9CI) (CA INDEX NAME)
```

## ●2 HC1

RN 461023-13-2 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-[(R)-cyclohexylhydroxymethyl]-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, dihydrochloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## ●2 HCl

RN 461442-06-8 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 461443-20-9 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-[(R)-cyclohexylhydroxymethyl]-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, (3R)- (9CI) (CA INDEX NAME)

## 10/797,244

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
L5
    ANSWER 7 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
    2002:736254 CAPLUS
AN
DN
    137:263064
    Preparation of triazaspiro[5.5] undecane derivatives as the active
TΤ
    ingredients useful in prevention or as remedy for HIV infection
    Mitsuya, Hiroaki; Maeda, Kenji; Shibayama, Shiro; Takaoka, Yoshikazu
IN
    Ono Pharmaceutical Co., Ltd., Japan
PA
SO
    PCT Int. Appl., 680 pp.
    CODEN: PIXXD2
DT
    Patent
LA
    Japanese
FAN.CNT 1
                                         APPLICATION NO.
    PATENT NO.
                        KIND
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                                                             DATE
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                                                                  _____
    WO 2002074769
                               20020926 WO 2002-JP2553
PΙ
                        A1
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            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
            LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
            PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
            UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
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                                         CA 2002-2441162
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    EP 1378509
                         A1
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    NO 2003004149
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                               20031119
                                           NO 2003-4149
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    US 2004106619
                         A1
                               20040603
                                           US 2003-472626
                                                                  20030922
PRAI JP 2001-79611
                       . A
                               20010319
    WO 2002-JP2553
                         W
                               20020318
    MARPAT 137:263064
OS
IT
    343274-90-8P 343275-91-2P 343276-74-4P
    461020-93-9P 461023-13-2P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (preparation of triazaspiro[5.5]undecane derivs. as the active ingredients
       in prevention or remedy of HIV infection)
    343274-90-8 CAPLUS
RN
    1,4,9-Triazaspiro[5.5] undecane-2,5-dione, 1-buty1-9-[[3,5-dimethy1-1-(2-
CN
    pyridinyl)-1H-pyrazol-4-yl]methyl]-3-(2-methylpropyl)-, dihydrochloride,
     (3S) - (9CI) (CA INDEX NAME)
```

$$\begin{array}{c|c} & & & & \\ & &$$

## ●2 HCl

RN 343275-91-2 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-(cyclohexylmethyl)-9[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, dihydrochloride,
(3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$\begin{array}{c|c} & & & \\ &$$

## ●2 HCl

RN 343276-74-4 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-, dihydrochloride, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

●2 HCl

RN 461020-93-9 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-, dihydrochloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

### ●2 HCl

RN 461023-13-2 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-[(R)-cyclohexylhydroxymethyl]-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, dihydrochloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HCl

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
L5
    ANSWER 8 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
AN
    2002:293632 CAPLUS
DN
    136:325538
ΤI
    Preparation of pyrazoles for the treatment of viral diseases
    Dymock, Brian William; Jones, Philip Stephen; Merrett, John Herbert;
TN
    Parratt, Martin John
    F. Hoffmann-La Roche Ag, Switz.
PA
SO
    PCT Int. Appl., 108 pp.
    CODEN: PIXXD2
DT
    Patent
LΑ
    English
FAN.CNT 1
                               DATE
    PATENT NO.
                        KIND
                                         APPLICATION NO.
                                                                 DATE
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    WO 2002030907
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                                         WO 2001-EP11474
PΙ
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                                                                  20011004
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            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
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            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
            PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
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            BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
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    US 2003018197
                                          US 2001-956656
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    US 6699887
                         B2
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    CA 2423515
                               20020418
                                           CA 2001-2423515
                         AA
                                                                  20011004
    AU 2002021651
                         A5
                               20020422
                                           AU 2002-21651
                                                                  20011004
                                           BR 2001-14483
    BR 2001014483
                         Α
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    EP 1326843
                         A1
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            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
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                         Т2
                                           JP 2002-534293
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                         Α
                               20030523
                                           NO 2003-1615
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    US 2004192752
                               20040930
                         A1
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PRAI GB 2000-24795
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    US 2001-956656
                         Α3
                               20010920
    WO 2001-EP11474
                         W
                               20011004
os
    MARPAT 136:325538
IT
    412326-26-2P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
        (preparation of pyrazoles as inhibitors of the HIV reverse transcriptase)
RN
    412326-26-2 CAPLUS
CN
    Pyridine, 2-[5-[(3,5-dichlorophenyl)thio]-3-methyl-4-(phenylmethyl)-1H-
    pyrazol-1-yl]- (9CI) (CA INDEX NAME)
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$$N$$
 $N$ 
 $N$ 
 $S$ 
 $C1$ 
 $Me$ 
 $CH_2-Ph$ 

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5
    ANSWER 9 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
AN
     2001:851126 CAPLUS
DN
     135:371760
ΤI
     Preparation of pyrazolylpyrimidines and analogs as TNF-α signaling
    modulators
IN
     Sneddon, Scott F.; Kane, John L.; Hirth, Bradford H.; Vinick, Fred; Qiao,
     Shuang; Nahill, Sharon R.
PA
     Genzyme Corporation, USA
SO
     PCT Int. Appl., 108 pp.
     CODEN: PIXXD2
DT
     Patent
LΑ
    English
FAN.CNT 1
    PATENT NO.
                        KIND
                                DATE
                                           APPLICATION NO.
                                                                   DATE
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                         A2
    WO 2001087849
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PΙ
                                           WO 2001-US15027
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            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
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    EP 1294699
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PRAI US 2000-203784P
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OS
    MARPAT 135:371760
ΙT
     374080-77-0P 374080-78-1P
     RL: BAC (Biological activity or effector, except adverse); BSU (Biological
     study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT
     (Reactant or reagent); USES (Uses)
        (preparation of pyrazolylpyrimidines and analogs as TNF-\alpha signaling
```

CN

RN

modulators) 374080-77-0 CAPLUS

Benzenemethanol, 4-[[3,5-dimethyl-1-[4-(2-pyridinyl)-2-pyrimidinyl]-1Hpyrazol-4-yl]oxy]- (9CI) (CA INDEX NAME)

RN 374080-78-1 CAPLUS
CN Benzaldehyde, 4-[[3,5-dimethyl-1-[4-(2-pyridinyl)-2-pyrimidinyl]-1Hpyrazol-4-yl]oxy]- (9CI) (CA INDEX NAME)

IT 374080-70-3P 374080-71-4P 374080-72-5P 374080-73-6P 374080-74-7P 374080-75-8P 374080-76-9P 374080-79-2P 374080-80-5P 374080-81-6P 374080-82-7P 374080-83-8P 374080-84-9P 374080-85-0P 374080-86-1P 374080-87-2P 374080-88-3P 374080-89-4P 374080-90-7P 374080-91-8P 374080-92-9P 374080-93-0P 374080-94-1P 374080-95-2P 374080-96-3P 374080-97-4P 374080-98-5P 374080-99-6P 374081-00-2P 374081-01-3P 374081-02-4P 374081-03-5P 374081-16-0P 374081-17-1P 374081-18-2P 374081-19-3P 374081-20-6P 374081-21-7P 374081-23-9P 374081-24-0P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazolylpyrimidines and analogs as  $TNF-\alpha$  signaling modulators) RN 374080-70-3 CAPLUS Pyrimidine, 2-(3,5-dimethyl-4-phenoxy-1H-pyrazol-1-yl)-4-(2-pyridinyl)-CN (9CI) (CA INDEX NAME)

RN 374080-71-4 CAPLUS

CN Pyrimidine, 2-[4-(4-chlorophenoxy)-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-72-5 CAPLUS

CN Pyrimidine, 2-[4-(4-fluorophenoxy)-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-73-6 CAPLUS

CN Pyrimidine, 2-[4-(4-methoxyphenoxy)-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-74-7 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[4-(1-methylethyl)phenoxy]-1H-pyrazol-1-yl]-4-(2-pyridinyl)-(9CI) (CA INDEX NAME)

RN 374080-75-8 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[4-(trifluoromethyl)phenoxy]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-76-9 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[4-(trifluoromethoxy)phenoxy]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-79-2 CAPLUS

CN Morpholine, 4-[[4-[[3,5-dimethyl-1-[4-(2-pyridinyl)-2-pyrimidinyl]-1H-pyrazol-4-yl]oxy]phenyl]methyl]- (9CI) (CA INDEX NAME)

RN 374080-80-5 CAPLUS

CN Isoquinoline, 2-[[4-[[3,5-dimethyl-1-[4-(2-pyridinyl)-2-pyrimidinyl]-1H-pyrazol-4-yl]oxy]phenyl]methyl]-1,2,3,4-tetrahydro-(9CI) (CA INDEX NAME)

RN 374080-81-6 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[4-[[4-(phenylmethyl)-1-

piperazinyl]methyl]phenoxy]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-82-7 CAPLUS

CN Pyrimidine, 2-[4-[4-[[4-(2-fluorophenyl)-1-piperazinyl]methyl]phenoxy]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

PAGE 2-A

RN 374080-83-8 CAPLUS

CN Pyrimidine, 2-[4-(4-chlorophenoxy)-3,5-dimethyl-1H-pyrazol-1-yl]-4-pyrazinyl- (9CI) (CA INDEX NAME)

RN 374080-84-9 CAPLUS

CN Pyrimidine, 2-[4-[(4-chlorophenyl)methoxy]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-85-0 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-(phenylthio)-lH-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-86-1 CAPLUS

CN Pyrimidine, 2-[4-[(2-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-87-2 CAPLUS

CN Pyrimidine, 2-[4-[(3-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-88-3 CAPLUS

CN Pyrimidine, 2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-89-4 CAPLUS

CN Pyrimidine, 2-[4-[(4-fluorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-90-7 CAPLUS

CN Pyrimidine, 2-[4-[(4-methoxyphenyl)thio]-3,5-dimethyl-lH-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-91-8 CAPLUS

CN Pyrimidine, 2-[4-[(3,4-dichlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

10/797,244

RN 374080-92-9 CAPLUS

CN Pyrimidine, 2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(4-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-93-0 CAPLUS

CN Pyrimidine, 2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-y1]-4-(5-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-94-1 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[(phenylmethyl)thio]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-95-2 CAPLUS

CN Pyrimidine, 2-[4-[[(2-chlorophenyl)methyl]thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-96-3 CAPLUS

CN Pyrimidine, 2-[4-[[(4-chlorophenyl)methyl]thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-97-4 CAPLUS

CN Pyrimidine, 2-[4-[[(4-fluorophenyl)methyl]thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-98-5 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[[(4-methylphenyl)methyl]thio]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374080-99-6 CAPLUS

CN Pyrimidine, 2-[4-[[(4-methoxyphenyl)methyl]thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-00-2 CAPLUS

CN Pyrimidine, 2-[3,5-dimethyl-4-[[[4-(trifluoromethoxy)phenyl]methyl]thio]-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-01-3 CAPLUS

CN Pyrimidine, 2-[4-[[(4-chlorophenyl)methyl]sulfonyl]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-02-4 CAPLUS

CN 2,2'-Bipyridine, 6-[4-(4-chlorophenoxy)-3,5-dimethyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 374081-03-5 CAPLUS

CN 2,2'-Bipyridine, 6-[4-[[(4-chlorophenyl)methyl]thio]-3,5-dimethyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 374081-16-0 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-17-1 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[4-[(4-chlorophenyl)sulfonyl]-3,5-dimethyl-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-18-2 CAPLUS

CN 1,3,5-Triazine, 2-[4-[(4-chlorophenyl)thio]-3,5-dimethyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)-(9CI) (CA INDEX NAME)

RN 374081-19-3 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[3,5-dimethyl-4-(phenylmethyl)-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-20-6 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[4-[2-(4-chlorophenyl)ethyl]-3,5-dimethyl-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-21-7 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[3,5-dimethyl-4-(3-phenylpropyl)-1H-pyrazol-1-yl]-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 374081-23-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)thio]-1,2-dihydro-5-methyl-1-[4-(2-pyridinyl)-2-pyrimidinyl]- (9CI) (CA INDEX NAME)

RN 374081-24-0 CAPLUS

CN Pyrimidine, 2-[4-[(4-chlorophenyl)thio]-3-methoxy-5-methyl-1H-pyrazol-1-yl]-4-(2-pyridinyl)- (9CI) (CA INDEX NAME)

## 10/797,244

- L5 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
- AN 2001:794586 CAPLUS
- DN 136:200136
- TI Hydrazinolytic recyclization of (Z)-3-acetyl-2-methyl-2,3-dihydro-1,4-benzodioxin-2-ol
- AU Dzvinchuk, I. V.; Lozinskii, M. O.
- CS Institute of Organic Chemistry, National Academy of Sciences of Ukraine, Kiev, 253660, Ukraine
- Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2001), 37(4), 459-462 CODEN: CHCCAL; ISSN: 0009-3122
- PB Kluwer Academic/Consultants Bureau
- DT Journal
- LA English
- OS CASREACT 136:200136
- IT 305854-40-4P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of (o-hydroxyphenoxy)-substituted pyrazoles by condensation of hydrazines with an acetylmethyldihydrobenzodioxinol)

- RN 305854-40-4 CAPLUS
- CN Phenol, 2-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]oxy]- (9CI) (CA INDEX NAME)

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5
    ANSWER 11 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
     2001:416939 CAPLUS
ΑN
DN
     135:46203
ΤI
     Preparation and effect of triazaspiro[5.5] undecane derivatives as active
     ingredients in remedy for inflammatory diseases
     Habashita, Hiromu; Hamano, Shinichi; Shibayam, Shiro; Takaoka, Yoshikazu
IN
     Ono Pharmaceutical Co., Ltd., Japan
PA
SO
     PCT Int. Appl., 1149 pp.
     CODEN: PIXXD2
DT
     Patent
LΑ
     Japanese
FAN.CNT 1
     PATENT NO.
                        KIND
                                DATE
                                          APPLICATION NO.
                                                                   DATE
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                                                                   _____
                                         WO 2000-JP8517
    WO 2001040227
                                20010607
PΤ
                         A1
                                                                   20001201
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
            HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
            LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
            SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
            YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                                20010607
     CA 2394679
                         AΑ
                                          CA 2000-2394679
                                                                   20001201
    AU 2001016506
                         Α5
                                20010612
                                           AU 2001-16506
                                                                   20001201
    EP 1236726
                                20020904
                                           EP 2000-979050
                                                                   20001201
                         A1
     EP 1236726
                                20041201
                         В1
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    AT 283854
                         E
                                20041215
                                           AT 2000-979050
                                                                   20001201
     ZA 2002004203
                         Α
                                20030827
                                            ZA 2002-4203
                                                                   20020527
    NO 2002002609
                         Α
                                20020726
                                           NO 2002-2609
                                                                   20020531
    US 2004097511
                                           US 2003-148382
                         A1
                                20040520
                                                                   20030508
PRAI JP 1999-344967
                         Α
                                19991203
     JP 2000-18673
                         Α
                                20000127
     JP 2000-27968
                         Α
                                20000204
     JP 2000-147882
                         Α
                                20000519
    WO 2000-JP8517
                         W
                                20001201
OS
    MARPAT 135:46203
IT
     342912-66-7P 342913-52-4P 342914-23-2P
     343274-90-8P 343275-91-2P 343276-74-4P
     RL: BAC (Biological activity or effector, except adverse); BSU (Biological
     study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
        (preparation and effect of triazaspiro[5.5]undecane derivs. as active
        ingredients in inflammatory disease therapy)
RN
     342912-66-7 CAPLUS
CN
     1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-
     pyridinyl)-1H-pyrazol-4-yl]methyl]-3-(2-methylpropyl)-, (3S)- (9CI) (CA
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Absolute stereochemistry.

INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & &$$

RN 342913-52-4 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-(cyclohexylmethyl)-9[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, (3S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

$$\begin{array}{c|c} & & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 342914-23-2 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 343274-90-8 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-(2-methylpropyl)-, dihydrochloride, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## ●2 HCl

RN 343275-91-2 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-3-(cyclohexylmethyl)-9[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-, dihydrochloride,
(3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## ●2 HC1

RN 343276-74-4 CAPLUS

CN 1,4,9-Triazaspiro[5.5]undecane-2,5-dione, 1-butyl-9-[[3,5-dimethyl-1-(2-pyridinyl)-1H-pyrazol-4-yl]methyl]-3-[(1R)-1-hydroxy-2-methylpropyl]-, dihydrochloride, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

# ●2 HCl

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD

# ALL CITATIONS AVAILABLE IN THE RE FORMAT

#### 10/797,244

- ANSWER 12 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN L5
- 2000:813020 CAPLUS ΑN
- DN 134:128105
- ΤI Miniature single-particle immunoassay for prostate-specific antigen in serum using recombinant Fab fragments
- ΑU Harma, Harri; Tarkkinen, Piia; Soukka, Tero; Lovgren, Timo
- Department of Biotechnology, University of Turku, Turku, FIN-20520, CS Finland
- Clinical Chemistry (Washington, D. C.) (2000), 46(11), 1755-1761 SO CODEN: CLCHAU; ISSN: 0009-9147
- PB American Association for Clinical Chemistry
- DΤ Journal
- English LΑ
- ΙT 321883-66-3D, europium and terbium complexes RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)

(fluorescent label for mAb; miniature single-particle immunoassay for prostate-specific antigen in serum using recombinant Fab fragments)

- RN321883-66-3 CAPLUS
- Glycine, N,N'-[[4-[2-(4-isothiocyanatophenyl)ethyl]-1H-pyrazole-1,3-CN diyl]bis(6,2-pyridinediylmethylene)]bis[N-(carboxymethyl)- (9CI) (CA INDEX NAME)

$$N$$
 $N$ 
 $CH_2-CO_2H$ 
 $CH_2$ 
 $CH_2$ 

THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD RE.CNT 24 ALL CITATIONS AVAILABLE IN THE RE FORMAT

## 10/797,244

L5 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:2264 CAPLUS

DN 132:166203

TI Synthesis and antitumor activity of novel pyrimidinylpyrazole derivatives

AU Naito, Hiroyuki; Sugimori, Masamichi; Mitsui, Ikuo; Nakamura, Yoshihide; Iwahana, Michio; Ishii, Mineko; Hirotani, Kenji; Kumazawa, Eiji; Ejima, Akio

CS New Product Research Laboratories IV, Daiichi Pharmaceutical Co., Ltd., Tokyo, 134-8630, Japan

SO Chemical & Pharmaceutical Bulletin (1999), 47(12), 1679-1684 CODEN: CPBTAL; ISSN: 0009-2363

PB Pharmaceutical Society of Japan

DT Journal

LA English

IT 53345-79-2 53345-96-3 258823-78-8 258823-80-2 258823-83-5 258823-86-8 258823-88-0 258823-90-4

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(preparation and antitumor activity of pyrimidinylpyrazole derivs.)

RN 53345-79-2 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[(4-phenyl-1-piperazinyl)methyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 53345-96-3 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[3-[4-(2-methylphenyl)-1-piperazinyl]propyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 258823-78-8 CAPLUS

CN Pyrimidine, 2-[4-[2-[4-(2-fluorophenyl)-1-piperazinyl]ethyl]-5-methyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN

258823-80-2 CAPLUS

CN Pyrimidine, 2-[4-[3-[4-(2-fluorophenyl)-1-piperazinyl]propyl]-5-methyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 258823-83-5 CAPLUS
CN Pyrimidine, 2-[5-methyl-4-[2-(4-phenyl-1-piperazinyl)ethyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 258823-86-8 CAPLUS
CN Pyrimidine, 2-[5-methyl-4-[3-(4-phenyl-1-piperazinyl)propyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 258823-88-0 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[[4-(2-methylphenyl)-1-piperazinyl]methyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 258823-90-4 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[2-[4-(2-methylphenyl)-1-piperazinyl]ethyl]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 14 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN L5

1999:819049 CAPLUS AN

DN 132:64173

ΤI Preparation of labeling reactants for fluorescent labeling of biospecific binding reactants

Takalo, Harri; Hovinen, Jari; Mukkala, Veli-matti; Liitti, Pivi; Mikola, IN Heikki

PA Wallac Oy, Finland

SO Eur. Pat. Appl., 26 pp. CODEN: EPXXDW

DTPatent

English LΑ

IT

FAN.	CNT.	Ţ																
	PAT	ENT	NO.		KIN	D	DATE			APPLICATION NO.						DATE		
ΡI	EP 967205			A1 19991229			EP 1999-660100						19990603					
	EP 967205				В1		20030917											
		R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR	, IT,	LI,	LU,	NL,	SE,	MC,	PT,
			ΙE,	SI,	LT,	LV,	FI,	, RO										
	US 6080839				Α		20000627			US 1998-104219					19980625			
PRAI	US	1998	-104	219		Α		1998	0625									
os	CASREACT 132:64173;					MAR	PAT	132:	64173	3								

253137-98-3P 253137-99-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyridinediylbis (methylenenitrilo) tetrakisaceti c acid labeling reactants for fluorescent labeling of biospecific binding reactants in solid phase synthesis)

RN 253137-98-3 CAPLUS

CN Glycine, N,N'-[[4-[2-[4-(2-methoxy-2-oxoethoxy)phenyl]ethyl]-1H-pyrazole-1,3-diyl]bis(6,2-pyridinediylmethylene)]bis[N-[2-(1,1-dimethylethoxy)-2oxoethyl]-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

RN 253137-99-4 CAPLUS

CN Glycine, N,N'-[[4-[2-[4-(carboxymethoxy)phenyl]ethyl]-1H-pyrazole-1,3diyl]bis(6,2-pyridinediylmethylene)]bis[N-[2-(1,1-dimethylethoxy)-2oxoethyl]-, 1,1'-bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

# IT 253137-93-8P

RL: SPN (Synthetic preparation); PREP (Preparation) (target compound; preparation of

pyridinediylbis (methylenenitrilo) tetrakisacet

ic acid labeling reactants for fluorescent labeling of biospecific binding reactants in solid phase synthesis)

RN 253137-93-8 CAPLUS

CN D-Lysine, N6-[[4-[2-[1,3-bis[6-[[bis[2-(1,1-dimethylethoxy)-2-oxoethyl]amino]methyl]-2-pyridinyl]-1H-pyrazol-4-yl]ethyl]phenoxy]acetyl]-N2-[(9H-fluoren-9-ylmethoxy)carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-B

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:587152 CAPLUS

DN 127:205568

TI Preparation of thienylpyrazole derivatives as adrenaline receptor blockers

IN Taguchi, Minoru; Okubo, Taketoshi; Yoshimura, Misa; Hatada, Yuichi; Ota, Tomoki; Tomizawa, Kazuyuki

PA Taisho Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

DT Patent

LA Japanese

FAN. CNT 1

1111.011 1												
P	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE							
_		<del>-</del>										
PI J	IP 09227555	A2	19970902	JP 1996-29222	19960216							
PRAI J	IP 1996-29222		19960216	•								

OS MARPAT 127:205568

IT 194545-41-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thienylpyrazole derivs. as adrenaline receptor blockers)

RN 194545-41-0 CAPLUS

CN Piperazine, 1-(2-methoxyphenyl)-4-[2-[1-(2-pyridinyl)-5-(2-thienyl)-1H-pyrazol-4-yl]ethyl]- (9CI) (CA INDEX NAME)

## 10/797,244

L5 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:374715 CAPLUS

DN 126:350804

TI Biospecific binding reactants labeled with luminescent lanthanide chelates and their use

IN Rodriguez-Ubis, Juan Carlos; Takalo, Harri; Mukkala, Veli-matti

PA Wallac Oy, Finland; Rodriguez-Ubis, Juan Carlos

SO Eur. Pat. Appl., 33 pp. CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

гл	4 · CIVI I						
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
PΙ	EP 770610	A1	19970502	EP 1996-660056	19960909		
	R: DE, FR, GB						
	US 5859215	Α	19990112	US 1995-548174	19951025		
PRA	AI US 1995-548174	Α	19951025				
os	MARPAT 126:350804						

# IT 189805-30-9P 189805-36-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of luminescent lanthanide pyrazolediylbispyridinediyl and pyridinediylbispyrazolediyl bismethylenenitrilotetrakisacetato chelates for biospecific binding assays)

RN 189805-30-9 CAPLUS

CN Glycine, N,N'-[[4-[2-(4-aminophenyl)ethyl]-1H-pyrazole-1,3-diyl]bis(6,2-pyridinediylmethylene)]bis[N-[2-(1,1-dimethylethoxy)-2-oxoethyl]-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

RN 189805-36-5 CAPLUS

CN Glycine, N,N'-[[4-[2-(4-aminophenyl)ethyl]-1H-pyrazole-1,3-diyl]bis(6,2-pyridinediylmethylene)]bis[N-(carboxymethyl)- (9CI) (CA INDEX NAME)

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ANSWER 17 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
L5
ΑN
    1997:205145 CAPLUS
DN
    126:199571
TΙ
    Preparation of piperazine derivatives as therapeutic agents
    Kerrigan, Frank; Cheetham, Sharon Crawford; Watts, John Paul
TN
PA
    Knoll Aktiengesellschaft, Germany; Kerrigan, Frank; Cheetham, Sharon
    Crawford; Watts, John Paul
SO
    PCT Int. Appl., 116 pp.
    CODEN: PIXXD2
DT
    Patent
LΑ
    English
FAN.CNT 1
    PATENT NO.
                      KIND
                              DATE APPLICATION NO.
                                                         DATE
                             _____
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                                                              _____
    WO 9703067
                             19970130 WO 1996-EP2889
PΙ
                       A1
                                                              19960702
        W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL,
            RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
    AU 9665171
                       A1
                              19970210 AU 1996-65171
                                                             19960702
    EP 839144
                              19980506
                                      EP 1996-924846
                        Α1
                                                              19960702
    EP 839144
                              20010919
                       В1
        R: DE, FR, GB, IT
    JP 11508888
                        T2
                              19990803
                                         JP 1996-504630
                                                              19960702
    ZA 9605923
                       Α
                              19980112
                                         ZA 1996-5923
                                                              19960712
    US 6114334
                                        US 1997-973843
                       Α
                              20000905
                                                              19971217
PRAI GB 1995-14389
                       Α
                              19950713
    GB 1996-6674
                              19960329
                       Α
    WO 1996-EP2889
                       W
                              19960702
OS
    MARPAT 126:199571
IT
    187794-75-8P 187794-93-0P
```

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of piperazine derivs. as therapeutic agents)

RN 187794-75-8 CAPLUS

CN 1H-Pyrazol-5-amine, 3-cyclopropyl-4-[[4-(2,3-dihydro-1,4-benzodioxin-5-yl)-1-piperazinyl]methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 187794-93-0 CAPLUS

CN 1H-Pyrazol-5-amine, 3-cyclopropyl-4-[[4-(2,3-dihydro-1,4-benzodioxin-5-yl)-1-piperazinyl]methyl]-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

L5ANSWER 18 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1996:314049 CAPLUS

125:58525 DN

ΤI Herbicidal triazolecarboxamides.

Tseng, Chi Ping IN

PA E. I. Du Pont de Nemours & Co., USA

SO U.S., 100 pp., Cont.-in-part of U.S. Ser. No. 784,343, abandoned. CODEN: USXXAM

DTPatent

LA English

FAN CNT 2

r AM •	∼N T	2																
	PATENT NO.						KIND DATE			APPLICATION NO.					DATE			
					<del>-</del>	-									-			
PI	US 5510320			A 19960423			US 1994-211721					19940426						
	WO 9309100					A1 19930513				WO 1992-US8822					19921022			
		W:	AU,	BB,	BG,	BR,	CA,	CS,	FI,	HU,	JP,	KP,	KR,	LK,	MG,	MN,	MW,	NO,
			PL,	RO,	RU,	SD,	UA,	US										
		RW:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙE,	IT,	LU,	MC,	NL,	SE,	BF,
			ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	ML,	MR,	SN,	TD,	ΤG				
PRAI	US	1991	-784	343		В2		1991	1029									
	WO 1992-US8822					W		1992	1022									
					_													

OS MARPAT 125:58525

IT 151114-79-3P

> RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of herbicidal triazolecarboxamides)

RN151114-79-3 CAPLUS

CN 1H-1,2,4-Triazole-1-carboxamide, 3-[[3,5-dimethyl-1-(2-pyridinyl)-1Hpyrazol-4-yl]sulfonyl]-N, N-diethyl- (9CI) (CA INDEX NAME)

#### 10/797,244

L5 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1994:134381 CAPLUS

DN 120:134381

TI Nonpeptide angiotensin II antagonists derived from 1H-pyrazole-5-carboxylates and 4-aryl-1H-imidazole-5-carboxylates

AU Ashton, Wallace T.; Hutchins, Steven M.; Greenlee, William J.; Doss, George A.; Chang, Raymond S. L.; Lotti, Victor J.; Faust, Kristie A.; Chen, Tsing Bau; Zingaro, Gloria J.; et al.

CS Merck Res. Lab., Rahway, NJ, 07065, USA

SO Journal of Medicinal Chemistry (1993), 36(23), 3595-605 CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

IT 138733-03-6P 152713-36-5P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and angiotensin II antagonist activity of)

RN 138733-03-6 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 3-butyl-1-(2-pyridinyl)-4-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

RN 152713-36-5 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 3-butyl-1-(2-pyridinyl)-4-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

$$CH_2$$
 $NH$ 
 $N=N$ 

IT 152713-67-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and cyclization of, with azide, triazole derivative from)

RN 152713-67-2 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 3-butyl-4-[(2'-cyano[1,1'-biphenyl]-4-yl)methyl]-1-(2-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

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ANSWER 20 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
L5
ΑN
            1993:649954 CAPLUS
DN
            119:249954
ΤI
           Herbicidal triazolecarboxamides
            Tseng, Chi Ping
IN
            du Pont de Nemours, E. I., and Co., USA
PA
SO
            PCT Int. Appl., 237 pp.
            CODEN: PIXXD2
DT
            Patent
LΑ
            English
FAN.CNT 2
                                                                               DATE
            PATENT NO.
                                                             KIND
                                                                                                           APPLICATION NO.
                                                                                                                                                                     DATE
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                                                                              -----
                                                                                                           -----
                                                                              19930513 WO 1992-US8822
                                                                                                                                                                     19921022
PΙ
           WO 9309100
                                                              A1
                     W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO,
                                PL, RO, RU, SD, UA, US
                      RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF,
                                BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG
            CN 1071924
                                                              Α
                                                                               19930512
                                                                                                      CN 1992-112827
                                                                                                                                                                      19920923
            ZA 9207272
                                                                Α
                                                                               19940323
                                                                                                          ZA 1992-7272
                                                                                                                                                                      19920923
            AU 9228716
                                                               A1
                                                                               19930607. AU 1992-28716
                                                                                                                                                                      19921022
            EP 610314
                                                               A1
                                                                               19940817
                                                                                                         EP 1992-922261
                                                                                                                                                                     19921022
                     R: DE, ES, FR, GB, IT
            US 5510320
                                                              Α
                                                                               19960423
                                                                                                         US 1994-211721
                                                                                                                                                                      19940426
PRAI US 1991-784343
                                                                A2
                                                                               19911029
           WO 1992-US8822
                                                                Α
                                                                               19921022
           MARPAT 119:249954
OS
IT
            151114-79-3P
            RL: BAC (Biological activity or effector, except adverse); BSU (Biological
            study, unclassified); SPN (Synthetic preparation); BIOL (Biological
            study); PREP (Preparation)
                    (preparation and herbicidal activity of)
RN
            151114-79-3 CAPLUS
CN
            1H-1,2,4-Triazole-1-carboxamide, 3-[[3,5-dimethyl-1-(2-pyridinyl)-1H-1,2,4-Triazole-1-carboxamide, 3-[[3,5-dimethyl-1-(2-pyridinyl)-1-carboxamide, 3-[[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridinyl)-1-carboxamide, 3-[3,5-dimethyl-1-(3-pyridi
            pyrazol-4-yl]sulfonyl]-N,N-diethyl- (9CI) (CA INDEX NAME)
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$$\begin{array}{c|c}
N & N & Me \\
N & N & Me \\
O & S & O \\
N & N & N \\
Et_2N - C & || & O
\end{array}$$

#### 10/797,244

L5 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:565941 CAPLUS

DN 117:165941

TI Preparation of pyrazolecarboxylic acid derivatives as herbicides.

IN Yoshimura, Takumi; Myazaki, Masahiro; Shimizu, Kuniaki; Hirata, Micha

PA Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	JP 04145081	A2	19920519	JP 1990-268611	19901006	
PRAI	JP 1990-268611		19901006			

OS MARPAT 117:165941

IT 143727-52-0P 143727-66-6P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)

RN 143727-52-0 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 4-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 143727-66-6 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 4-[(4,6-dimethoxy-2-pyrimidinyl)oxy]-3-methyl-1-(2-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

ANSWER 22 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN L5

AN 1992:511598 CAPLUS

DN 117:111598

TI Preparation of trans-6-[2-(heteroarylpyrazol-4-yl)ethyl- or ethenyl]tetrahydro-4-hydroxypyran-2-ones as inhibitors of cholesterol biosynthesis

IN Picard, Joseph A.; Roth, Bruce D.; Sliskovic, Drago R.

Warner-Lambert Co., USA PA

U.S., 16 pp. Cont.-in-part of U.S. 4,957,971. SO CODEN: USXXAM

DTPatent

LΑ English

FAN.CNT 3

T. LTIA .	CNIJ					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
D.T.	Ha 5100000		10000407		10000610	
ΡI	US 5102893	Α	19920407	US 1990-540047	19900619	
•	US 4808621	Α	19890228	US 1987-48473	19870518	
	US 4957971	Α	19900918	US 1988-280756	19881206	
PRAI	US 1986-882327	B2	19860707			
	US 1987-48473	A2	19870518			
	US 1988-280756	A2	19881206			
os	MARPAT 117:111598					

IT 142407-02-1P

> RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as HMG-CoA reductase inhibitor)

RN142407-02-1 CAPLUS

CN2H-Pyran-2-one, 6-[2-[5-(4-fluorophenyl)-3-(1-methylethyl)-1-(2-pyridinyl)-1-(2-pyridinyl)-1-(2-pyridinyl)-1-(3-pyridinyl)1H-pyrazol-4-yl]ethyl]tetrahydro-4-hydroxy-, cis- (9CI) (CA INDEX NAME)

# Relative stereochemistry.

#### 10/797,244

- L5 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
- AN 1992:255526 CAPLUS
- DN 116:255526
- TI Inhibitors of cholesterol biosynthesis. 6. trans-6-[2-(2-N-heteroaryl-3,5-disubstituted-pyrazol-4-yl)ethyl/ethenyl]tetrahydro-4-hydroxy-2H-pyran-2-ones
- AU Sliskovic, D. R.; Blankley, C. J.; Krause, B. R.; Newton, R. S.; Picard, J. A.; Roark, W. H.; Roth, B. D.; Sekerke, C.; Shaw, M. K.; Stanfield, R. I.
- CS Parke-Davis Pharm. Res. Div., Warner-Lambert Co., Ann Arbor, MI, 48105, USA
- SO Journal of Medicinal Chemistry (1992), 35(11), 2095-103 CODEN: JMCMAR; ISSN: 0022-2623
- DT Journal
- LA English
- IT 114433-74-8P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and cholesterol biosynthesis inhibiting activity of)

RN 114433-74-8 CAPLUS

CN 2H-Pyran-2-one, 6-[2-[5-(4-fluorophenyl)-3-(1-methylethyl)-1-(2-pyridinyl)-1H-pyrazol-4-yl]ethyl]tetrahydro-4-hydroxy-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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L5
    ANSWER 24 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
    1992:194308 CAPLUS
AN
DN
    116:194308
ΤI
    Preparation of 1-(2-pyridyl or -pyrimidyl)5-hydroxypyrazoles as fungicidal
    materials preservatives
     Sasse, Klaus; Schwamborn, Michael; Wachtler, Peter; Frie, Monika; Ludwig,
IN
    Georg Wilhelm; Paulus, Wilfried; Schmitt, Hans Georg
PA
     Bayer A.-G., Germany
SO
    Ger. Offen., 14 pp.
    CODEN: GWXXBX
DT
    Patent
LΑ
    German
FAN.CNT 1
     PATENT NO.
                        KIND
                               DATE
                                           APPLICATION NO.
                                                                  DATE
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                               _____
                                           ______
PT
    DE 4023488
                        A1
                               19920130
                                           DE 1990-4023488
                                                                  19900724
    EP 469357
                         Α1
                               19920205
                                          EP 1991-111537
                                                                  19910711
        R: AT, CH, DE, DK, FR, GB, IT, LI, SE
    US 5175176
                         A
                               19921229
                                           US 1991-731680
                                                                  19910717
                         A2
     JP 04234385
                               19920824
                                           JP 1991-203739
                                                                  19910719
     US 5292744
                         Α
                               19940308
                                           US 1992-929652
                                                                  19920812
PRAI DE 1990-4023488
                         Α
                                19900724
    US 1991-731680
                         А3
                               19910717
OS
    MARPAT 116:194308
IT
    140397-99-5P 140398-00-1P 140398-01-2P
     140398-02-3P 140398-04-5P 140398-05-6P
     140398-06-7P 140398-07-8P 140398-08-9P
     140398-09-0P 140398-10-3P 140398-11-4P
     140398-12-5P 140398-13-6P 140398-14-7P
     140398-15-8P 140398-16-9P 140398-29-4P
     140398-33-0P 140398-34-1P 140398-48-7P
     140398-60-3P 140421-89-2P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of, as microbicidal materials preservative)
     140397-99-5 CAPLUS
RN
CN
     1H-Pyrazol-5-ol, 4-(phenylmethyl)-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)
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RN 140398-00-1 CAPLUS

CN 1H-Pyrazol-5-ol, 1-(2-pyridinyl)-4-[[2-(trifluoromethyl)phenyl]methyl]-(9CI) (CA INDEX NAME)

RN 140398-01-2 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(2-chlorophenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-02-3 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(2,4-dichlorophenyl)methyl]-1-(2-pyridinyl)- (9CI)
(CA INDEX NAME)

RN 140398-04-5 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(4-methylphenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-05-6 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(4-methoxyphenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-06-7 CAPLUS

CN 1H-Pyrazol-5-ol, 4-(1,3-benzodioxol-5-ylmethyl)-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-07-8 CAPLUS

CN 1H-Pyrazol-5-ol, 4-[(3-chlorophenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-08-9 CAPLUS

CN 1H-Pyrazol-5-ol, 4-[(4-bromophenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-09-0 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(3-methylphenyl)methyl]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-10-3 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[4-(1,1-dimethylethyl)phenyl]methyl]-1-(2-pyridinyl)(9CI) (CA INDEX NAME)

RN 140398-11-4 CAPLUS CN 1H-Pyrazol-5-ol, 4-(phenylmethyl)-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

RN 140398-12-5 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(2-chlorophenyl)methyl]-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

RN 140398-13-6 CAPLUS
CN 1H-Pyrazol-5-ol, 1-(2-pyrimidinyl)-4-[[2-(trifluoromethyl)phenyl]methyl](9CI) (CA INDEX NAME)

RN 140398-14-7 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(3-methylphenyl)methyl]-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

RN 140398-15-8 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(2,4-dichlorophenyl)methyl]-1-(2-pyrimidinyl)- (9CI)
(CA INDEX NAME)

RN 140398-16-9 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(4'-chloro[1,1'-biphenyl]-4-yl)methyl]-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

RN 140398-29-4 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(phenylmethyl)thio]-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-33-0 CAPLUS

CN 1H-Pyrazol-5-ol, 4-(1-naphthalenylmethyl)-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-34-1 CAPLUS

CN 1H-Pyrazol-5-ol, 3-phenyl-4-(phenylmethyl)-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-48-7 CAPLUS

CN 1H-Pyrazol-5-ol, 3-methyl-4-(phenylmethyl)-1-(2-pyridinyl)- (9CI) (CA INDEX NAME)

RN 140398-60-3 CAPLUS

CN 1H-Pyrazol-5-ol, 3-methyl-4-(phenylmethyl)-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

RN 140421-89-2 CAPLUS CN 1H-Pyrazol-5-ol, 4-[(4-methoxyphenyl)methyl]-1-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:106284 CAPLUS

DN 116:106284

TI Preparation of substituted pyrazoles, isoxazoles and isothiazoles as angiotensin II antagonists

IN Allen, Eric E.; Greenlee, William J.; MacCoss, Malcolm; Ashton, Wallace T.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 171 pp. CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	J	-														
	PATENT NO.				KIND		DATE			APPLICATION NO.				DATE		
ΡI	WO	9115479			A1		1991	1017		WO :	1991-	US19	52		199103	327
		W: CA,	JP													
		RW: AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR	, IT,	LU,	NL,	SE		
	CA	2079343			AΑ		1991	1001		CA	1991-	2079	343		199103	327
	ΕP	523141			<b>A</b> 1		1993	0120		EP	1991-	9074	90		199103	327
		R: CH,	DE,	FR,	GB,	IT,	LI,	NL								
	JP	05505822			Т2		1993	0826		JP :	1991-	5073	26		199103	327
PRAI	US	1990-5014	469		Α		1990	0330								
	WO	1991-US19	952		W		1991	0327								
		<b></b>														

OS MARPAT 116:106284

IT 138733-03-6P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as angiotensin II inhibitor)

RN 138733-03-6 CAPLUS

CN 1H-Pyrazole-5-carboxylic acid, 3-butyl-1-(2-pyridinyl)-4-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

$$CO_2H$$

$$N = N$$

$$N = N$$

ANSWER 26 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN L5

AN 1991:185784 CAPLUS

DN 114:185784

Preparation of trans-6-[2-(N-heteroaryl-3,5-disubstituted TI pyrazol-4-yl)-ethyl]- or -ethenyl]tetrahydro-4-hydroxypyran-2-one as inhibitors of cholesterol biosynthesis

IN Picard, Joseph A.; Roth, Bruce D.; Sliskovic, Drago R.

PA Warner-Lambert Co., USA

U.S., 15 pp. Cont.-in-part of U.S. 4,808,621. SO CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
ΡI	US 4957971	Α	19900918	US 1988-280756	19881206		
	US 4808621	Α	19890228	US 1987-48473	19870518		
	CA 1286671	A1	19910723	CA 1987-539833	19870616		
	JP 63088179	A2	19880419	JP 1987-167133	19870706		
	JP 07116182	B4	19951213				
	ES 2061451	Т3	19941216	ES 1987-109726	19870706		
	US 5102893	Α	19920407	US 1990-540047	19900619		
PRAI	US 1986-882327	B2	19860707				
	US 1987-48473	A2	19870518				
	US 1988-280756	A2	19881206				
OS	CASREACT 114 · 185784	<ul> <li>MARPA</li> </ul>	т 114 • 185784	•			

CASREACT 114:185/84; MARPAT 114:185/84

IT 114433-74-8P

> RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as hypocholesteremic)

RN 114433-74-8 CAPLUS

2H-Pyran-2-one, 6-[2-[5-(4-fluorophenyl)-3-(1-methylethyl)-1-(2-pyridinyl)CN 1H-pyrazol-4-yl]ethyl]tetrahydro-4-hydroxy-, trans- (9CI) (CA INDEX NAME)

## Relative stereochemistry.

```
L5 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
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AN 1988:204614 CAPLUS

DN 108:204614

TI Preparation and testing of trans-6-[2-(N-heteroaryl-3,5-disubstituted)pyrazol-4-yl)ethyl]- or -ethenyl]tetrahydro-4-hydroxypyran-2-one derivatives as antihypercholesteremics

IN Roth, Bruce David; Sliskovic, Drago Robert

PA Warner-Lambert Co., USA

SO Eur. Pat. Appl., 21 pp. CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 3

ran.cn: 3									
	PATENT NO.			KIND	DATE	APPLICATION NO.	DATE		
					·				
PΙ	EΡ	252476		A2	19880113	EP 1987-109726	19870706		
	EΡ	252476		<b>A</b> 3	19891018				
	ΕP	252476		B1	19940202		•		
		R: AT,	BE, CH,	DE,	ES, FR, GB,	GR, IT, LI, LU, NL, S	SE ·		
	US	4808621		A	19890228	US 1987-48473	19870518		
	CA	1286671		A1	19910723	CA 1987-539833	19870616		
	JP	63088179		A2	19880419	JP 1987-167133	19870706		
	JΡ	07116182		В4	19951213				
` .	ΑT	101149		E	19940215	AT 1987-109726	19870706		
	ES	2061451		Т3	19941216	ES 1987-109726	19870706		
PRAI	US	1986-8823	327	Α	19860707				
	US	1987-4847	73	Α	19870518		•		
	ΕP	1987-1097	726	A	19870706				
os					RPAT 108:2046	14	•		

US CASREACT 100:204014;

IT 114433-74-8P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as antihypercholesteremic)

RN 114433-74-8 CAPLUS

CN 2H-Pyran-2-one, 6-[2-[5-(4-fluorophenyl)-3-(1-methylethyl)-1-(2-pyridinyl)-1H-pyrazol-4-yl]ethyl]tetrahydro-4-hydroxy-, trans- (9CI) (CA INDEX NAME)

### Relative stereochemistry.

```
L5
    ANSWER 28 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
AN
    1974:491517 CAPLUS
DN
    81:91517
ΤI
    Aminoalkylpyrazole derivatives
    Ueno, Katsujiro; Moroi, Tamiaki; Kojima, Hiroshi; Chiba, Tomoni
IN
PΑ
    Daiichi Seiyaku Co., Ltd.
SO
     Jpn. Tokkyo Koho, 7 pp.
    CODEN: JAXXAD
DΤ
    Patent
LΑ
     Japanese
FAN.CNT 1
     PATENT NO.
                        KIND
                               DATE
                                           APPLICATION NO.
                                                                  DATE
                               _____
    JP 49011705
PΙ
                         B4
                               19740319
                                           JP 1970-126597
                                                                  19701228
                     Α
PRAI JP 1970-126597
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    53345-79-2P 53345-80-5P 53345-81-6P
     53345-83-8P 53345-85-0P 53345-86-1P
     53345-87-2P 53345-88-3P 53345-89-4P
    53345-90-7P 53345-91-8P 53345-92-9P
    53345-93-0P 53345-94-1P 53345-95-2P
     53345-96-3P 53346-00-2P 53346-01-3P
    RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of)
RN
     53345-79-2 CAPLUS
CN
    Pyrimidine, 2-[5-methyl-4-[(4-phenyl-1-piperazinyl)methyl]-1H-pyrazol-1-
     yl]- (9CI) (CA INDEX NAME)
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RN 53345-80-5 CAPLUS

CN Pyrimidine, 2-[4-[[4-(2-chlorophenyl)-1-piperazinyl]methyl]-5-methyl-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

53345-81-6 CAPLUS RN

CN Pyrimidine, 2-[5-methyl-4-[[4-(2-methylphenyl)-1-piperazinyl]methyl]-1Hpyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

RN

53345-83-8 CAPLUS
Pyrimidine, 2-[4-[(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)methyl]-5-methyl-CN1H-pyrazol-1-yl]-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM

CRN 53345-82-7 CMF C20 H21 N5

CM 2

CRN 104-15-4 C7 H8 O3 S CMF

RN

53345-85-0 CAPLUS
Pyrimidine, 2-[4-[[4-(4-chlorophenyl)-3,6-dihydro-1(2H)-pyridinyl]methyl]-5-methyl-1H-pyrazol-1-yl]-, mono(4-methylbenzenesulfonate) (9CI) (CA CN INDEX NAME)

CM 1

CRN 53345-84-9 CMF C20 H20 Cl N5

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

RN

53345-86-1 CAPLUS
Pyrimidine, 2-[4-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)ethyl]-5-methyl-1H-pyrazol-1-yl]-, dihydrochloride (9CI) (CA INDEX NAME) CN

RN 53345-87-2 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[2-(4-phenyl-1-piperazinyl)ethyl]-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

RN 53345-88-3 CAPLUS

CN Pyrimidine, 2-[5-methyl-4-[2-[4-(2-methylphenyl)-1-piperazinyl]ethyl]-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

RN 53345-89-4 CAPLUS

CN Pyrimidine, 2-[4-[2-[4-(2-chlorophenyl)-1-piperazinyl]ethyl]-5-methyl-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

53345-90-7 CAPLUS

RN

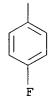
CN Pyrimidine, 2-[4-[2-[4-(2-fluorophenyl)-1-piperazinyl]ethyl]-5-methyl-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

RN 53345-91-8 CAPLUS

CN Pyrimidine, 2-[4-[2-[4-(4-fluorophenyl)-1-piperazinyl]ethyl]-5-methyl-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

## PAGE 1-A

PAGE 2-A



RN

53345-92-9 CAPLUS
Pyrimidine, 2-[5-methyl-4-[3-(4-phenyl-1-piperazinyl)propyl]-1H-pyrazol-1-CN yl]-, dihydrochloride (9CI) (CA INDEX NAME)

RN53345-93-0 CAPLUS

Pyrimidine, 2-[4-[3-(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)propyl]-5-methyl-CN 1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

## ● HCl

RN 53345-94-1 CAPLUS

CN Pyrimidine, 2-[4-[3-[4-(4-fluorophenyl)-1-piperazinyl]propyl]-5-methyl-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

RN 53345-95-2 CAPLUS

CN Pyrimidine, 2-[4-[3-[4-(2-fluorophenyl)-1-piperazinyl]propyl]-5-methyl-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

10/797,244

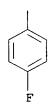
53345-96-3 CAPLUS. RN

Pyrimidine, 2-[5-methyl-4-[3-[4-(2-methylphenyl)-1-piperazinyl]propyl]-1H-CN pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN

53346-00-2 CAPLUS
Pyrimidine, 2-[4-[2-[4-(4-fluorophenyl)-1-piperazinyl]ethyl]-5-methyl-1H-CNpyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

PAGE 2-A



HCl

RN

53346-01-3 CAPLUS
Pyrimidine, 2-[5-methyl-4-[3-[4-(2-methylphenyl)-1-piperazinyl]propyl]-1H-pyrazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME) CN

```
L5
     ANSWER 29 OF 29 CAPLUS COPYRIGHT 2005 ACS on STN
AN
     1968:492691 CAPLUS
DN
     69:92691
ΤI
     New reagent for the fluorometric determination of terbium(III) and
     dysprosium(III) in aqueous solution. Bis[1(2)-pyridyl-3-methyl-5-
     pyrazolonyl] -4,4'-methane
ΑU
     Butter, E.; Kolowos, I.; Holzapfel, H.
     Karl-Marx-Univ., Leipzig, Fed. Rep. Ger.
Talanta (1968), 15(9), 901-11
CS
SO
     CODEN: TLNTA2; ISSN: 0039-9140
DΤ
     Journal
     German
LA
IT
     21645-33-0
     RL: ANST (Analytical study)
        (in determination of rare earth metals)
RN
     21645-33-0 CAPLUS
CN
     Pyrazol-5-ol, 4,4'-methylenebis[3-methyl-1-(2-pyridyl)- (8CI) (CA INDEX
     NAME)
```

10/797,244

=> log y COST IN U.S. DOLLARS SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST 98.76 260.30

STN INTERNATIONAL LOGOFF AT 14:16:34 ON 25 JAN 2005